G, R S 59]

GENERAL AND REVENUE SECRETARIAT

1911-12
(Education)

File No. 98

Serial Nos. 124-16

Papers Filed.

Month December 1911

SUBJECT

Laboratory grants for the central college Bangalore

PREVIOUS REFERENCES	LATER REFERENCES

12/1/12

2950

GRS. 11] 1911-12

GENERAL AND REVENUE SECRETARIAT

(Edn)

NOTES

File No 982-4

FILE HEADING

Laboratory grants for the Central College

From The Director of Agriculture in Mysore

No 4485/308 Dated 28/11/11 Received 1/12/11

Diary No 2950 | Enclos 1 | Spare Copies | Serial No 12

BRIEF ABSTRACT OF LETTER

Submits for sanction a list of physical Science apparatus required for the Central College costing in all £ 88-18-3

NOTES AND ORDERS

Submit with a draft order

HMW 3/12 (18)

1/12/11

To Sellar

2nd Councillor) 4/12/11

4/12/11 Draft appd. by 2nd Councillor 10-12-11

MGK

Issue

11/12/11

Read 18/12/11

18/12/

NOTES—First Sheet

GPB—30 000—12 8 11

R S 12]
General and Revenue Secretariat

Edn File No 98 of 1911

Serial No	
16	GO no 4458-9 & 23 12 11 Sanctions the purchase of the abkanah mentioned in the list received with serial 12

NOTE – Contn sheet

GPB—50 000— 12-8 10

2950

10/11/12
SECTIO Edn
FILED
SERIAL No 12

Dr 81½

OFFICE OF INSPECTOR GENERAL OF EDUCATION IN MYSORE

No 4489 / 308 Enc 1

Bangalore 28th November 1911

From

~~The Inspector General of Education in Mysore~~

The *Inspector General of Education in Mysore*

To

C S Balasundaram Iyer, Esq , B A ,

Offg Secretary to the Goverment of H H the Maharaja

of Mysore, Gel & Rev Departments Bangalore

SIR

I have the honour to forward herewith for favou

of early sanction of Government a list of Physical

Science apparatus required for the Central College,

Bangalore.

I have the honour to be,

S i r,

Your most obedient servant

Assistant to the Inspector General

For Inspector General

Enclosure to no 4489/3088 28-11
from the Dy Educ -
Edn 98-11-12

Central College, Bangalore

Dated 22nd November 1911
24[10]

F F Becker & Co , London E

Becker's illustrated Catalogue, Sections I,II,III & IV

Page	No	Description	No Reqd	Cost
				£ s d
13	123	Becker's Universal Callipers length of legs 6 inches 6/6d each	10	3- 5- 0
18	155	Model Vernier, English & Metric scales 12 inches long 2/6d each	5	0-12- 6
~~24~~	~~182~~	~~Government pattern Chlorate Potash 100 grms diagram 1/[illegible]~~	~~1~~	~~15-15- 0~~
64	633	Black rubber tubing Size No 1 3d per foot	50 ft	0-12- 6
do	634	do do No 2 4d per foot	50 ft	0-16- 8
do	635	Black rubber gas tube ¼inch internal Diam 7d per foot	100 ft	2-18- 4
do	637	Rubber tubing Size No 3 Black 10d per foot	50 ft	2- 1- 8
42	438	Measuring flasks Capacit 100 C C 7d each	2	0- 1- 2
do	439	do do 500 C C 1/-s each	2	0- 2- 0
		do do 500 C C 1-6d each	2	0- 3- 0
		do do 1000 C C 1-9d each	2	0- 3- 6
do	439	Measures 5 C C 5d each	6	0- 2- 6
		10 C C 6d each	6	0- 3- 0
		50 C C 10d each	6	0- 5- 0
		100 C C 1s each	12	0-12- 0
		250 C C 1s 6d each	4	0- 6- 0
				£ 1 12- 4-10

Page	No	Description	No Reqd	cost
			B F	£12-4-10
59	585	Funnels Glass 4½ inches 6s 6d a doz	2 doz	0-13- 0
		do 6½ inches 13s a doz	1 doz	0-13- 0
do	592	Separating Funnel 150 C C	1	0- 2- 3
		100 C C	1	0- 2- 6
		200 C C	1	0- 3- 0
58	581	Filter paper sheets 4 grs 1s 6d a quire		0- 6- 0
72	744	Glass stop-cocks 1 mm 1s 2d each 1doz		0-14- 0
		do 2 mm 1s 4d each 1doz		0-16- 0
73	753	Dessicators 2½ cm 7s 6d each	2	0-15- 0
53	523	Foot Bellows 6 5 size £1-15-0 each	2	3-10- 0
64	645	Corks assorted sizes 5 gross @ 4s a gross		1- 0- 0
291	11974	Bare German silver wire No 20 at 3s 6d per reel (1 lb) No 22 at 3s 6d per lb reel No 24 at 3s 6d per 1 lb reel	4 reels 2 reels 2 reels	0-14- 0 0- 7- 0 0- 7- 0
419	13214	Astatic Galvanometer fitted with moving coils with both high & low resistance coils, three terminals on base	2	4-10- 0
459	13044	The lamp testing Wattmeter, C with double range for use at any voltage from 60 to 260 Volts	1	5-15- 0
475	13360	Electric projecting lamp for Nernst filaments " A " Lamp for alternating currents at 110 Volts, 1 spare resistance and 2 filaments	1	1- 4- 3
41	11410	Electrophorus, for students use with vulcanite handle at 3s each	4	0-12- 0
64	661	Steel cork borers in sets of 12 6s 6d per set	4 sets	1- 6- 0
65	694	Rubber tubing for pressure Size ⅛" X 1/16" 9d per ft 20 ft " ⅜" X 1/16" 2s per ft 30 ft " ¼X 5/16" 3s per ft 10ft " ½" X ¼" 1s 6d per ft 10 ft		1- 2- 6 3- 0- 0 1-10- 0 1-15- 0

£ 43-2-4

Page	No	Description	No Reqd	Cost
			B F	£ 43-2-4
110	1194	Students pattern Beam Compasses price including lath 3s 6d each	2	0- 7- 0
115	1253	The " Adall " Calculator	1	0-10- 6
		(1905 Catalogue		
375	11829	Daniell's cells with Mahogeny cap 1 pint size each 4s 6d	4	0-18- 0
87	11934	Terminals		
		Size 25 4s per doz	12 doz	2- 8- 0
		" 11 5s per doz	5 doz	1- 5- 0
		" 132/3d per doz	5 doz	0-11- 3
		" 14 2s per doz	5 doz	0-10- 0
		" 54 3s per doz	5 doz	0-15- 0
		" 55 2s 6d per doz	5 doz	0-12- 6
		Pencils for writing on glass assorted colours 6d each	6	0- 3- 0
		Gabatier's Ink for glass 1 bottle 1s	a bottle	0- 1- 0
		Becker's Chemical Catalogue [1903]		
21	68	Porcelain Basins	No Reqd	
		Inside Measurement 4½" X 3½" deep	6	0- 3- 6
		do 7" X 5"	10	0- 5- 0
		do 12 X 10"	1	0-13- 6
		do 18" X 16"	1	0- 9- 8
21	71	In nests of nine from 2in to 6 in diameter, Bohemian Glass	1	0- 4- 9
25	90	1 doz nests of beakers (0-2) at 7d	1 doz	0- 7- 0
		3 nests (1-6) at 2/6d	3	0- 7- 6
27	100	Beakers (lipped) 50 C C 150 C C 400 C C 1000 C C	1 doz each	1-11- 9
40	159 159	Bottles capacity 2 Oz	1 doz	0- 2- 9
		do 8 Oz	1 doz	0- 5- 6
	164	do Wide mouthed Capacit 2 Oz	1 doz	0- 3- 6
	do	do do do 8 Oz	1 doz	0- 5- 6
			£	5-6-3-0
		Grand Total £ 88-7-0		

Page	No	Description	No Req'd	Cost
				£ 6-3-0
51	221	Teclu Bunsen Burners Diam of tube in	20	3-10-0
145	692	Forceps, steel, curved 2s 6d each	2	0-5-0
do	696	Steel well polished five points 1s 6d each		0-3-0
do	697	Double with platinum ends 5s each	2	0-10-0
238	1161	Glass tubing Diam 3 mm 1s 6d per lb	2 lbs	0-3-0
do	1163	do do 6 mm 10d "	2 lbs	0-1-8
do	116	do do 9 mm 10d do	5 lbs	0-4-2
do	1167	do do 12 mm 10d "	5 lbs	0-4-2
do	1170	do do 19 mm 1s per lb	5 lbs	0-5-0
do	1173	German Soda Glass 30 mm outside Diam 1s 6d per lb	5 lbs	0-7-6
do	1173	do do 50 mm Outside Diam 2s 6d per lb	5 lbs	0-12-6
239	1183	Soda Glass Thermometer tubing No 1 2s per lb	2 lbs	0-4-0
do	1184	do No 2 1/8d per lb	2 lbs	0-3-6
do	1185	do No 3 1/8d per lb	2 lbs	0-3-6
do	1188	Soda Glass Tubing No 6 1s 9d per lb 2 lbs		0-3-6
do	1189	Nos 0--9, 2 lbs each 1s per lb	8 lbs	0-8-0
do	1190	No 10 1s 6d per lb	4 lbs	0-6-0
297	1604	Iron Mortars 5½ in	1	0-4-3
		do 8½ in	1	0-10-0
30	170	Caoutchouc Stoppers Diam of small end in inches ¼ in 2d each	2 doz	0-4-0
		½ in 3d each	2 doz	0-6-0
		1 in 5d each	1 doz	0-5-0
		2 in 1/4d each	6	0-1-6
409	2256	COpper wire Gauze C 2/6d per Sq ft	5 sq ft	0-11-3
do 4	do	do F 3s "	5 "	0-15-0
411	263	12in square b 3/16 in thick ASbestos fill boards	1 doz	0-8-6
do	2266	Asbestos cloth 2s 6d per lb	5 lbs	0-12-6
do	2267	Asbestos Paper 2s 6d "	5 lbs	0-12-6
do	2269	do Tape 2in wide 9d per yard	5 yards.	0-7-9

1905 Catalogue of Physical Apparatus
No 13978 page 483 alternate current Motors
Power 1/6 HP Voltage 110, periodicity 25 cycles £ 68-18-3
per second
one Constant Speed machine Price £ 10-0-0 £ 20-0-0
one Variable " do do £ 10-0-0
Grand Total £ 88-18-3

0—3—2

-08—

IX 18/12 P.R.
4
3
GRS 28]

File No 98-11
Serial No 16

Diary No of letter replied to 2950

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT
( )

the 19

Date of issue 23-12-11

Signed by [illegible]

READ—

Letter No 4489/308 dt the 28th November 1911 from the Dept of Hss in Improve Subscribing for purchase of Physical Science apparatus required for the Central College costing in all

RETURN THEREON No

£ 88-18-3.

Grow thereon

No 44589 dt 23-12-11
98-11

over

SUBJECT

Read
Letter 22/12 from
Hyderabad
Dr Broadley
F.C. [illegible]

GPB—10 000—19 [illegible]